



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D145-762-013
Job Sheet 170854



Part No: D145-762-013

Job Qty: 1 ea

Part Name: Skidtube with Standard Wearplates Fits LH or RH



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 1/22/18

Job Tracking No:

Due Date: 2/16/18

Created By: Mario Poulin

Type: SOLD

Description:

Note: DWG REV E IPP REV:A 13.04.24 NEW ISSUE DD VERF:JLM IPP REV:B 13.11.14 AS PER IIN REV.C DD VERF:JLM IPP REV:C 14.11.24 as per ecn14-654/chg003 DD VERF:JLM IPP REV:D 15.06.11 IIN REV.D DD VERF:JLM IPP REV:E 16.02.05 IIN REV.E (ecn16-514) DD VERF:JLM IPP REV:F 16.07.19 add qty 2 D5301-1 DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	2/16/18	2/16/18	0.00	0.00	Start Up Stores/Pkg-1		FEB 20 2018
110	Packaging	1 pcs	2/16/18	2/16/18	0.00	0.00	Packaging1-1		FEB 20 2018
120	QC	1 pcs	2/16/18	2/16/18	0.00	0.00	QC4		Smb
125	DC	1 pcs	2/16/18	2/16/18	0.00	0.00	DC		
130	Packaging	1 pcs	2/16/18	2/16/18	0.00	0.00	Packaging3-1		Smb
140	QC21-FG	1 Ea	2/16/18	2/16/18	0.00	0.00	QC21		FEB 21 2018

Part Op 125 - Photocopy bluefile & type labels per PPP D145-762-013 CHG006

Descriptions: 130 - Identify and pack for shipping as per PPP D145-762-013 Location: _____

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN6C52A	Bolt	2 Ea (2 ea)	90-Start up Operation	
D145-762-043	Replacement Std Skidtube	1 Ea (1 ea)	90-Start up Operation	
D145-762-053	Replacement Wearplates for Standard Skidtubes Fit LH or RH	1 Ea (1 ea)	90-Start up Operation	
D5300-1	GHL Bushing	2 Ea (2 ea)	90-Start up Operation	
D5301-1	GHL Plug	2 Ea (2 ea)	90-Start up Operation	
MS21043-6	Nut	2 Ea (2 ea)	90-Start up Operation	

Part Specifications

Specifications could not be found.

Plex 1/22/18 4:13 PM dart.poulin.mario

601024

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation			Disposition		
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐			FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Po ☐ Fo ☐ Gr ☐ Wi ☐ Wi ☐ Ol ☐ Of ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐		
OTHER : ☐			Wrong dimensions ☐ Per tolerance ☐ rect ☐ Missing ☐ ed ☐ Finish ☐ Misread ☐ Turning Sequence ☐		

Container No: S043775
 Part: D145 - 762 - 013
 Job No: 170854
 Serial No/Batch: S043775
 Revision: IIN - D117 - 762
 Inspector: _____

DART AEROSPACE
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 CANADA
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 Email: sales@dartaero.com
 www.dartaerospace.com

Date: 02/20/18



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Master Unit 001034

Tel (613) 632-5200

Containers on Master Unit 001034				
Serial No	Part No	Customer Part No	Status	Quantity
FM138281	AN6C52A	AN6C52A	Allocated	1
S019311	AN6C52A	AN6C52A	Allocated	1
S040204	D5300-1	D5300-1	Allocated	2
S036180	D5301-1	D5301-1	Allocated	2
S043773	MS21043-6		Allocated	2

D145-762-043

S044080

D145-762-053

F164758

DART AEROSPACE USA, INC.

IIN-D117-762

Page 22 of 24

5.2 D145-762-013/-113 Skidtube Parts List

Item	Qty -013	Qty -043	Qty -053	Qty -113	Qty -153	Part Number	Description
	X					D145-762-013	SKIDTUBE WITH STD WEARPLATES
	1	X		1		D145-762-043	REPLACEMENT STD SKIDTUBE
	1		X			D145-762-053	REPLACEMENT WEARPLATES (STD SKIDTUBES)
				X		D145-762-113	SKIDTUBE WITH TRAINING WEARPLATES
				1	X	D145-762-153	REPLACEMENT TRAINING WEARPLATES (STD SKIDTUBE)
101		1				D4680-041	SKIDTUBE ASSEMBLY
102	2			2		**L321M1024101 OR **B321M1026101	SKID SHOE (REF ONLY)
103	8			8		**BRSP98/25-SK-WS-1 TEILIG OR **BRSP98/25-SK-WS-1 TEILIG OR **01618266098	CLAMP (REF ONLY)
104	8			8		**N/A	OEM BOLT (REF ONLY)
105	8			8		**N/A	OEM LOCKING WASHER (REF ONLY)
106	8			8		**N/A	OEM WASHER (REF ONLY)
110A		1				*D2965	CAP
110B		1				*D2965-3	CAP
111		4				***AELS-1032-225	INSERT
112		2				*AN3C5A	BOLT
113		2				*NAS1149C0332R	WASHER (OR AN960C10L)
114		2				*AN526C1032	SCREW
120A			1			D4682-041	WEARPLATE
120B			1			D4682-043	WEARPLATE
120C			1			D4682-7	WEARPLATE
121A					1	D4769-041	WEARPLATE
121B					1	D4773-041	WEARPLATE
121C					1	D4771-041	WEARPLATE
122			12		12	D4784-1	BUSHING
123			2		2	AN4C42A	BOLT
124			4		4	AN4C43A	BOLT
125			6		6	MS21043-4	NUT
130		3				*AELS-1032-130	INSERT
131		3				*AN3C4A	BOLT
132		3				*NAS1149C0332R	WASHER (AN960C10L)
150	2			2		AN6C52A	BOLT
151	2			2		D5300-1	GHL BUSHING
152	2			2		D5301-1	GHL PLUG
153	2			2		MS21043-6	NUT

* PART IS INCLUDED WITH D4680-041 STD SKIDTUBE ASSEMBLY

** TO BE SUPPLIED BY CUSTOMER, LISTED AS REFERENCE ONLY

*** DENOTES PART IS INCLUDED WITH ASSEMBLY ABOVE

PAGE 1 OF 1

Part Number: D145-762-013

Description: SKIDTUBE w/ STD WEARPLATES

[illegible]

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								